**DOCKET NO.:** SYNT-0568 **PATENT** 

**Application No.:** 10/622,535

Office Action Dated: February 6, 2009

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

- 1.-74. (Cancelled)
- 75. (Currently Amended) A combination instrument and an intervertebral implant for at least partial insertion into an intervertebral space between an upper vertebra having an upper vertebral surface and a lower vertebra having a lower vertebral surface, the combination instrument and intervertebral implant comprising:

an upper part having an upper surface engagable with the upper vertebral surface, a concave spherical portion and an upper raised keel having an upper keel width;

a lower part having a lower surface engagable with the lower vertebral surface, an upper convex surface and a lower raised keel having a lower keel width, the concave spherical portion mating with the upper convex surface in an assembled configuration;

an upper arm having an upper forward end with an upper forward arm width; and a lower arm having a lower forward end with a lower forward arm width, the upper arm movably mounted to the lower arm to selectively engage the upper part and the lower parts part, respectively, the upper keel width being greater than the upper forward arm width and the lower keel width being greater than the lower forward arm width.

- 76. (Previously presented) The combination instrument and intervertebral implant of claim 75, further comprising:
- a spacer tube mounted between the upper and lower arms and having an open end proximate the upper and lower forward ends; and
- a spacer having a head and a shaft, the shaft removably secured in the spacer tube and the head positioned proximate the open end.
- 77. (Previously presented) The combination instrument and intervertebral implant of claim 75, wherein the upper forward end includes an upper projection extending toward the lower forward end and the lower forward end includes a lower projection extending

DOCKET NO.: SYNT-0568 PATENT

**Application No.:** 10/622,535

Office Action Dated: February 6, 2009

toward the upper forward end, the upper part including an upper recess and the lower part including a lower recess, the upper projection releasably engageable with the upper recess and the lower projection releasably engageable with the lower recess.

78. (Previously presented) The combination instrument and intervertebral implant of claim 77, wherein the upper recess is formed in the upper raised keel and the lower recess is formed in the lower raised keel.

79. (Previously presented) The combination instrument and intervertebral implant of claim 75, further comprising:

a spacer having a head and a shaft, the spacer mounted between the upper and lower arms, the shaft positioned generally parallel to the upper and lower arms and the head positioned proximate the upper and lower forward ends.

80. (Previously presented) The combination instrument and intervertebral implant of claim 79, further comprising:

an upper spacer engaging member extending from the upper arm toward the lower arm; and

a lower spacer engaging member extending from the lower arm toward the upper arm, the upper and lower spacer engaging members engaging the spacer and the upper and lower forward ends engaging the upper and lower surfaces, respectively, in an insertion configuration.

- 81. (Previously presented) The combination instrument and intervertebral implant of claim 75, wherein the lower part includes a plastic inlay, the upper convex surface formed on the plastic inlay.
- 82. (Previously presented) The combination instrument and intervertebral implant of claim 75, wherein the upper and lower arms are mounted to each other at a common pivot point.

DOCKET NO.: SYNT-0568 PATENT

**Application No.:** 10/622,535

Office Action Dated: February 6, 2009

83. (Previously presented) The combination instrument and intervertebral implant

of claim 82, further comprising:

a securing nut mounting the upper arm to the lower arm in an area of the common

pivot point.

84. (Previously presented) The combination instrument and intervertebral implant

of claim 75, further comprising:

a spacer having a head and a resilient shaft, the spacer removably mountable between

the upper and lower arms, the head including an upper projection extending toward the upper

arm and a lower projection extending towards the lower arm.

85. (Cancelled)

86. (Previously presented) The combination instrument and intervertebral implant

of claim 75, wherein the upper arm includes an upper grip portion opposite the upper forward

end and the lower arm includes a lower grip portion opposite the lower forward end, ridges

formed on the upper and lower arms proximate the upper and lower grip portions to

selectively lock the upper arm relative to the lower arm.

87. (Previously presented) The combination instrument and intervertebral implant

of claim 86, wherein the upper and lower grip portions are comprised of cylindrical

thumb/finger grip portions formed at ends of the upper and lower arms opposite the upper

and lower forward ends, respectively.

88. (Previously presented) The combination instrument and intervertebral implant

of claim 75, wherein the upper arm has an upper grip portion opposite the upper forward end

and the lower arm has a lower grip portion opposite the lower forward end.